

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061678.D
 Acq On : 9 Apr 2019 16:47
 Operator : VA/AP
 Sample : K2305-02RE
 Misc : 3.62g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-02-001-ABCDRE

Quant Time: Apr 10 01:57:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

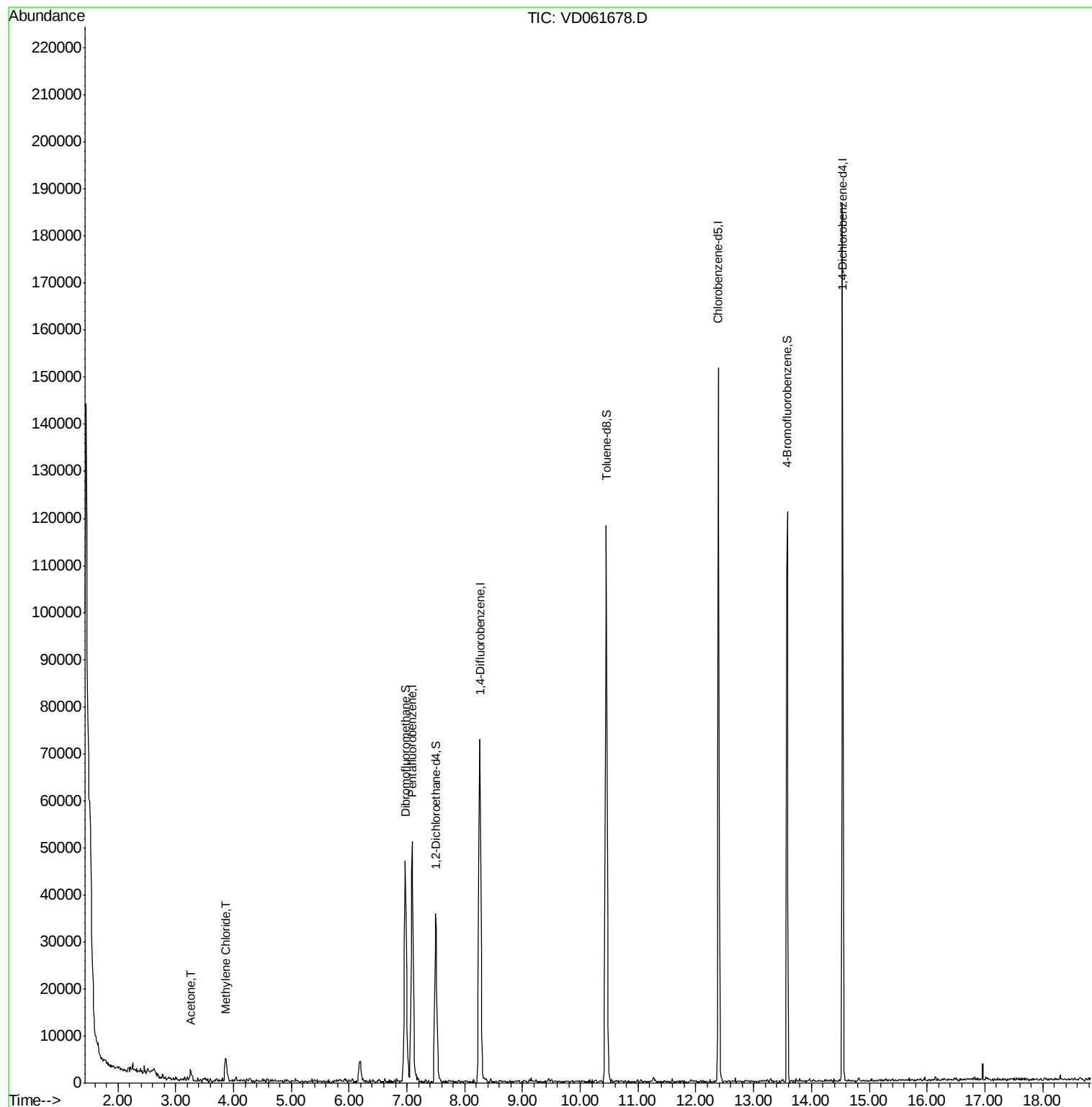
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	55392	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.26	114	99508	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.39	117	93098	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	41236	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.50	65	39270	93.53	ug/l	0.04
Spiked Amount 50.000			Recovery	=	187.06%	
35) Dibromofluoromethane	6.97	113	45348	65.78	ug/l	0.05
Spiked Amount 50.000			Recovery	=	131.56%	
50) Toluene-d8	10.45	98	101539	58.63	ug/l	0.04
Spiked Amount 50.000			Recovery	=	117.26%	
62) 4-Bromofluorobenzene	13.58	95	40071	72.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	144.76%	
Target Compounds						
16) Acetone	3.25	43	4098	32.650	ug/l	94
20) Methylene Chloride	3.86	84	3553	4.989	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.09 min Scan# 576

Delta R.T. 0.05 min

Lab File: VD061678.D

Acq: 9 Apr 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

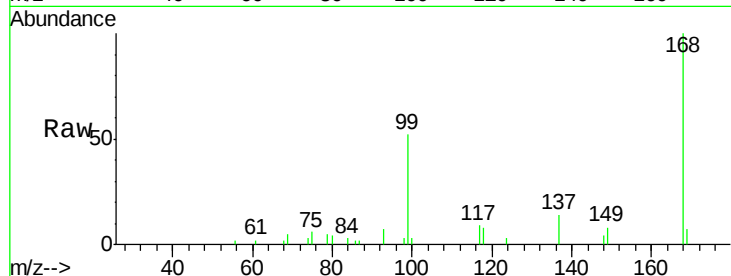
FK-EF-02-001-ABCDRE

Tot Ion:168 Resp: 55392

Ion Ratio Lower Upper

168 100

99 52.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.09

20000

15000

10000

5000

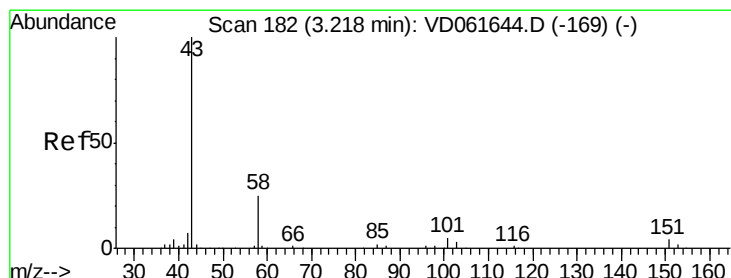
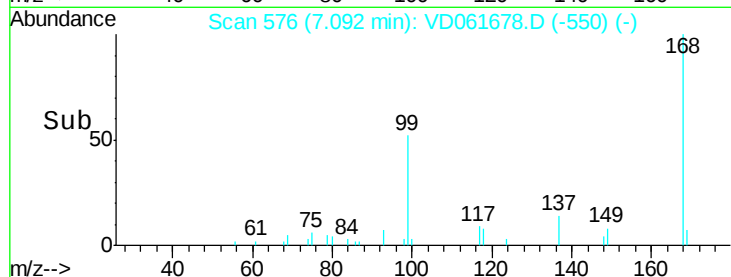
0

Time-->

7.00

7.10

7.20



#16

Acetone

Concen: 32.650 ug/l

RT: 3.25 min Scan# 186

Delta R.T. 0.03 min

Lab File: VD061678.D

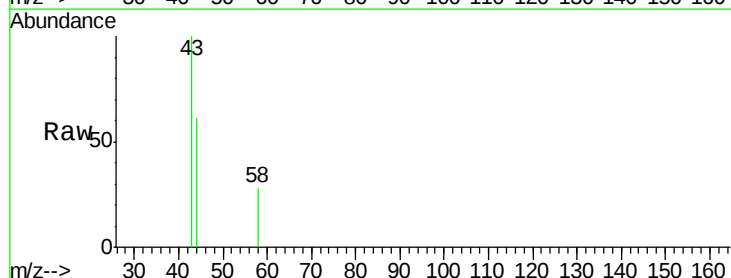
Acq: 9 Apr 2019 16:47

Tgt Ion: 43 Resp: 4098

Ion Ratio Lower Upper

43 100

58 27.8 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.25

1500

1000

500

0

Time-->

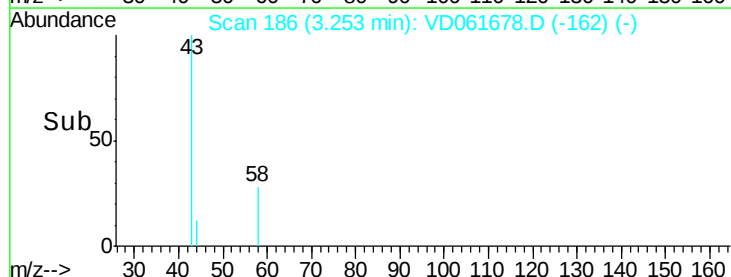
3.15

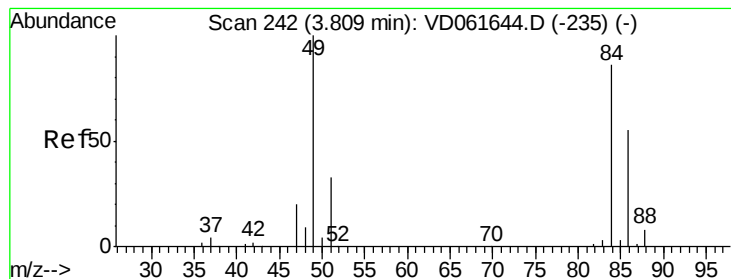
3.20

3.25

3.30

3.35





#20

Methylene Chloride

Concen: 4.989 ug/l

RT: 3.86 min Scan# 248

Delta R.T. 0.06 min

Lab File: VD061678.D

Acq: 9 Apr 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-02-001-ABCDRE

Tot Ion: 84 Resp: 3553

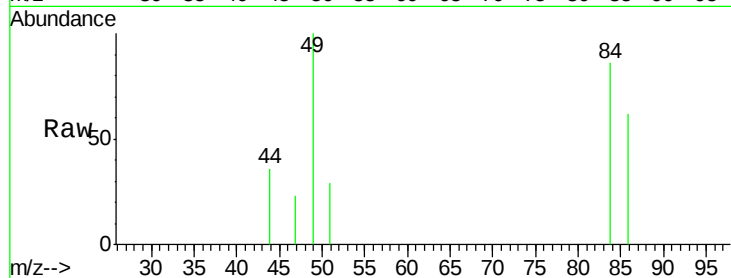
Ion Ratio Lower Upper

84 100

49 116.5 93.0 139.4

51 33.4 30.4 45.6

86 72.3 51.0 76.4

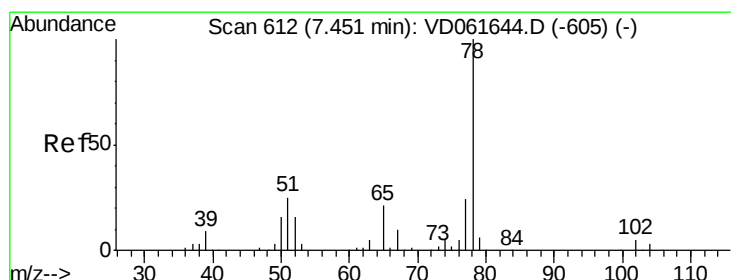
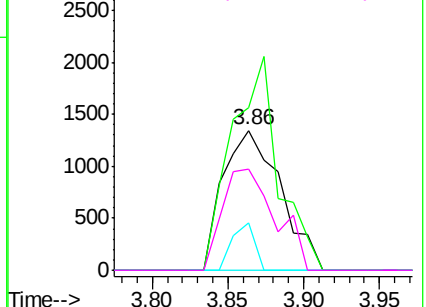
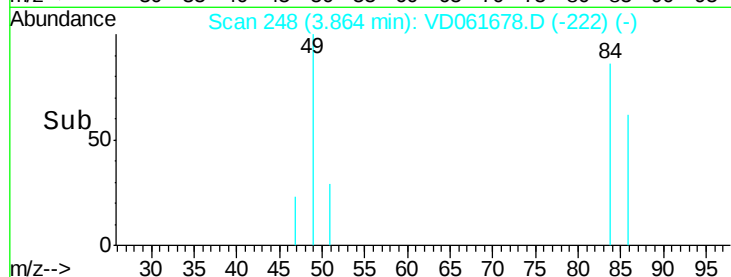


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.50 min Scan# 617

Delta R.T. 0.04 min

Lab File: VD061678.D

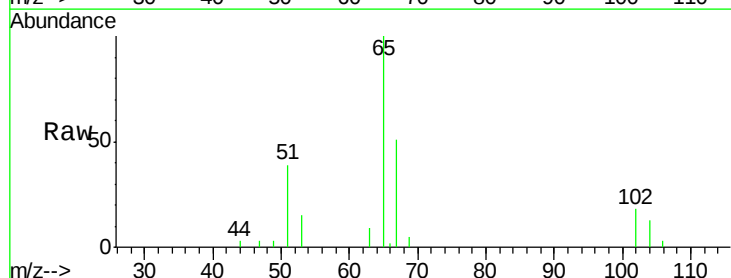
Acq: 9 Apr 2019 16:47

Tgt Ion: 65 Resp: 39270

Ion Ratio Lower Upper

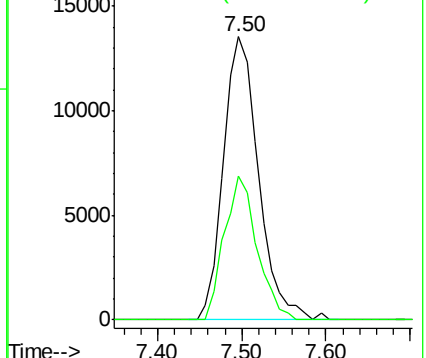
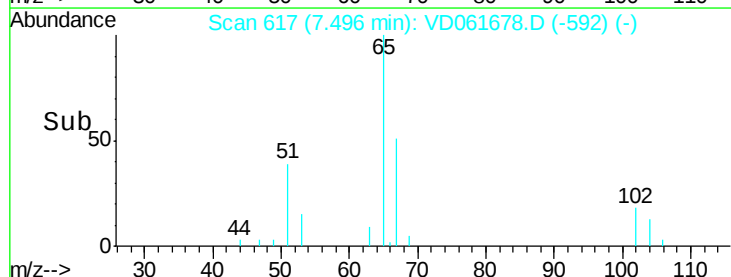
65 100

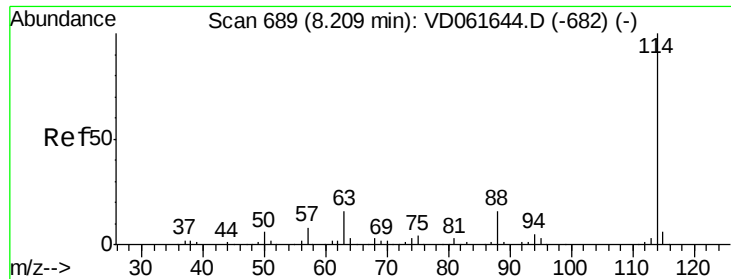
67 50.7 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

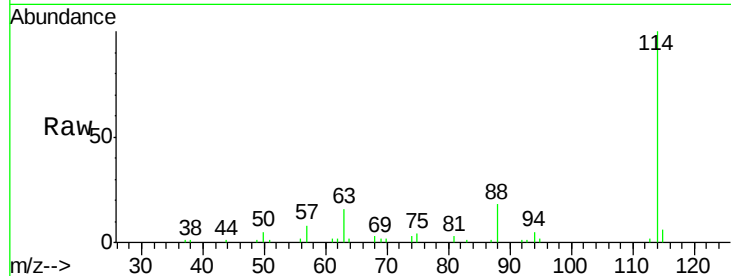




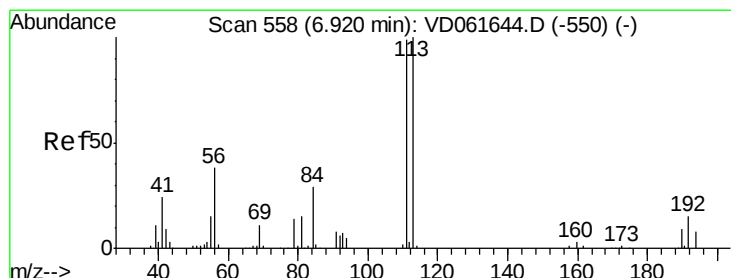
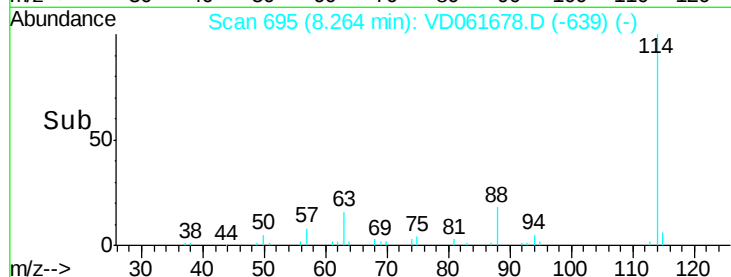
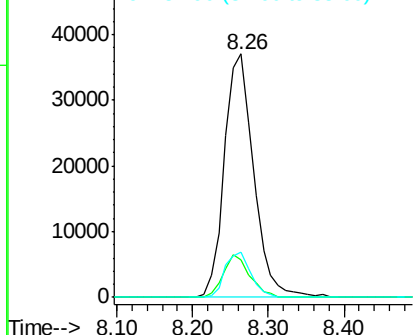
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.26 min Scan# 695
 Delta R.T. 0.05 min
 Lab File: VD061678.D
 Acq: 9 Apr 2019 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-02-001-ABCDRE

Tot Ion:114 Resp: 99508
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.2
 88 18.4 0.0 31.8

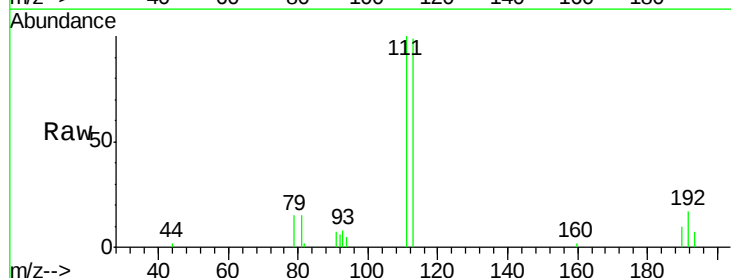


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

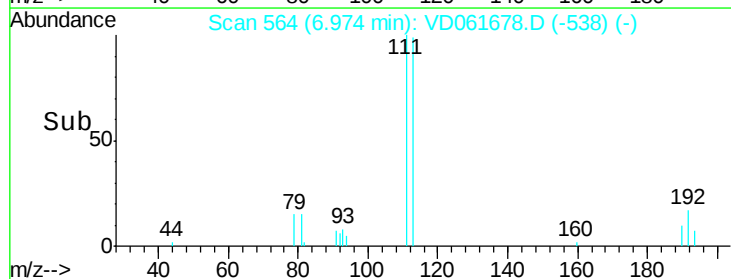
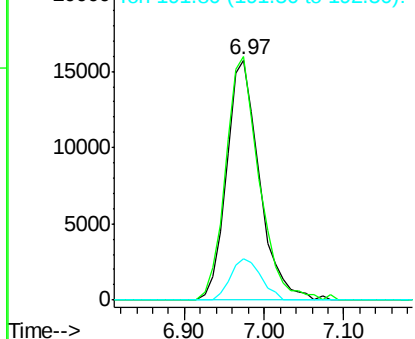


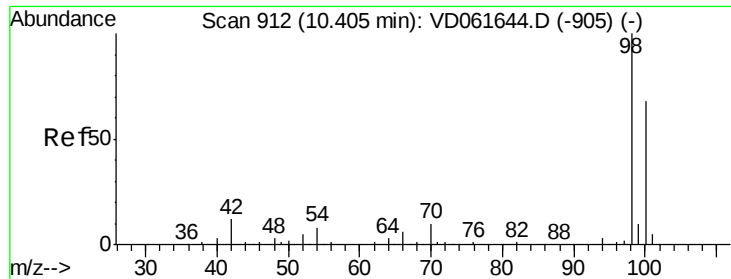
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.97 min Scan# 564
 Delta R.T. 0.05 min
 Lab File: VD061678.D
 Acq: 9 Apr 2019 16:47

Tgt Ion:113 Resp: 45348
 Ion Ratio Lower Upper
 113 100
 111 101.4 79.3 118.9
 192 17.3 12.3 18.5



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

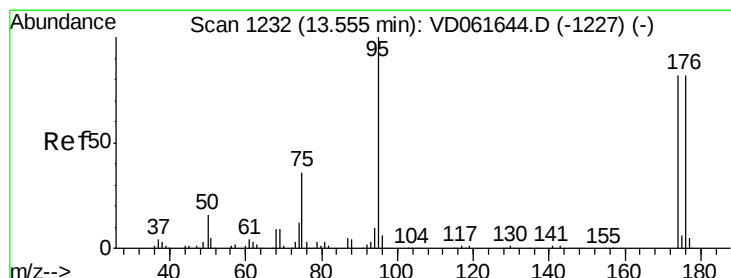
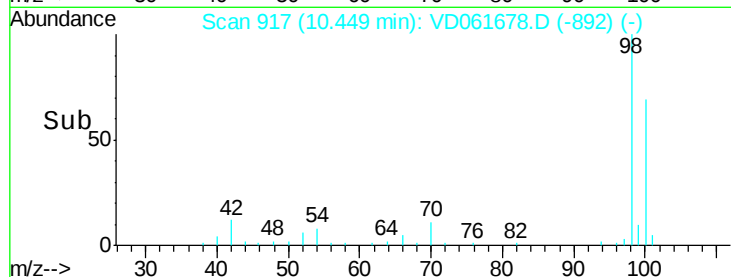
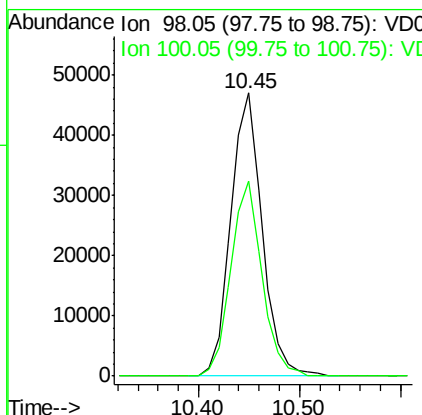
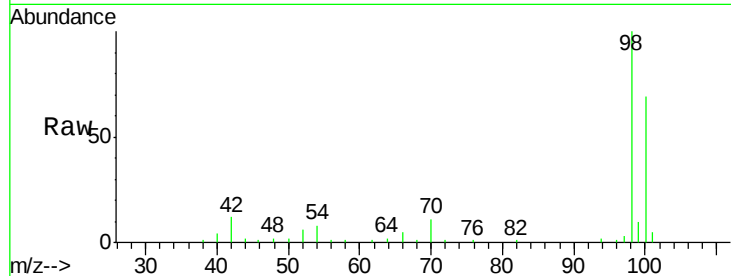




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.45 min Scan# 917
Delta R.T. 0.04 min
Lab File: VD061678.D
Acq: 9 Apr 2019 16:47

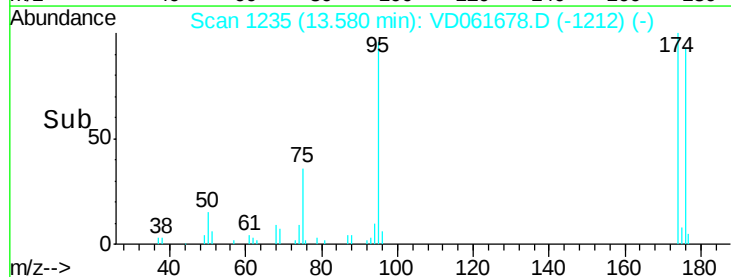
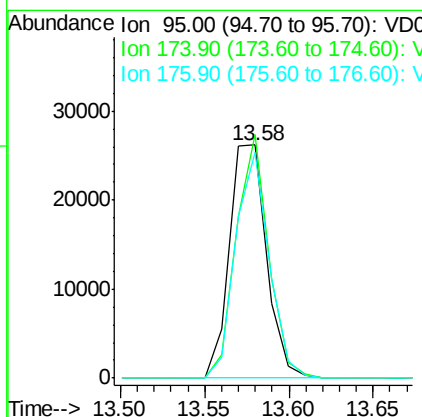
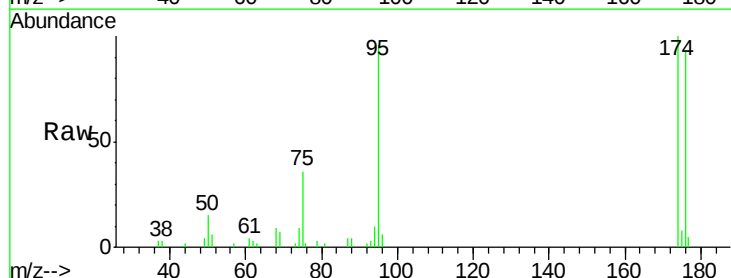
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-02-001-ABCDRE

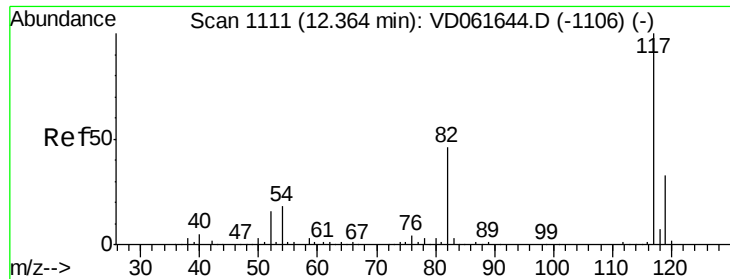
Tot Ion: 98 Resp: 101539
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.03 min
Lab File: VD061678.D
Acq: 9 Apr 2019 16:47

Tgt Ion: 95 Resp: 40071
Ion Ratio Lower Upper
95 100
174 104.4 0.0 164.6
176 97.0 0.0 165.0

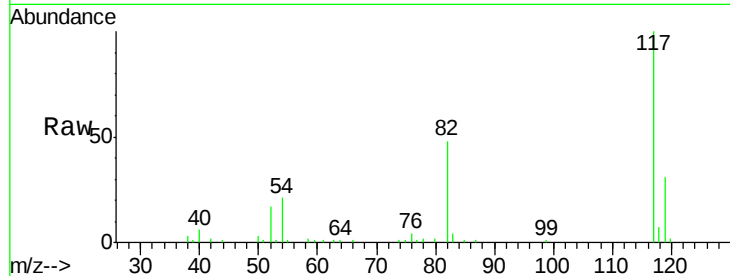




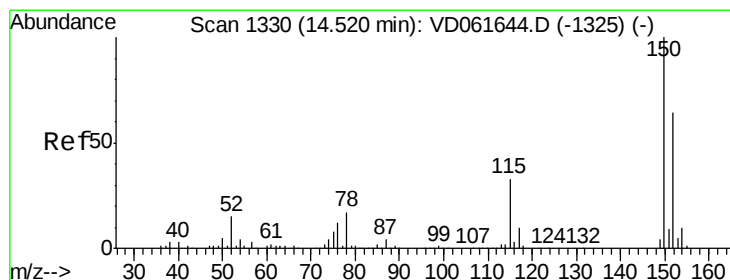
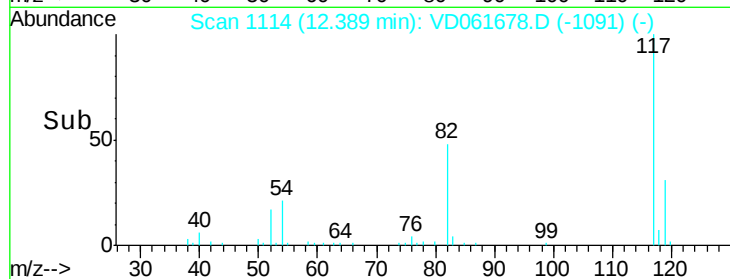
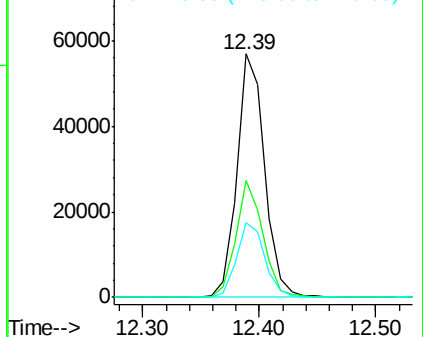
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061678.D
Acq: 9 Apr 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-02-001-ABCDRE

Tot Ion:117 Resp: 93098
Ion Ratio Lower Upper
117 100
82 48.2 36.8 55.2
119 30.8 26.1 39.1

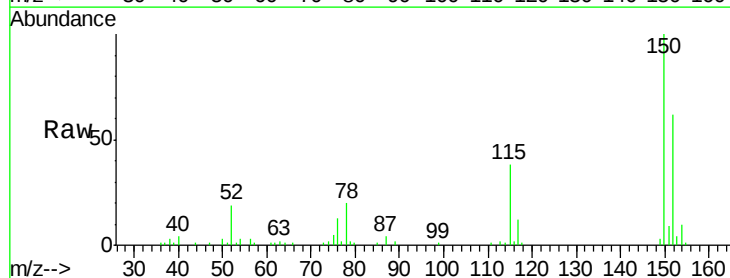


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061678.D
Acq: 9 Apr 2019 16:47

Tgt Ion:152 Resp: 41236
Ion Ratio Lower Upper
152 100
115 60.4 26.4 79.2
150 160.5 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

